

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 60184781  
PUBLICATION DATE : 20-09-85

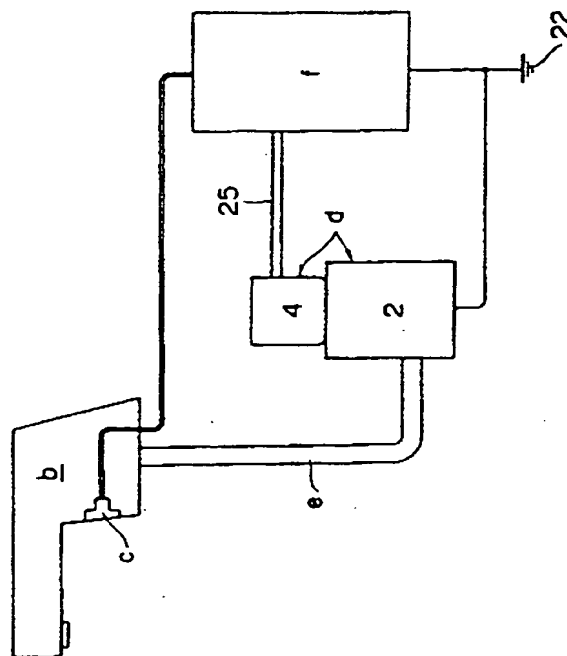
APPLICATION DATE : 29-02-84  
APPLICATION NUMBER : 59039099

APPLICANT : KOITO IND CO LTD;

INVENTOR : HIRAOKA NOBUO;

INT.CL. : F16K 31/02 E03C 1/05

TITLE : AUTOMATIC WATER COCK



**ABSTRACT :** PURPOSE: To ground an induced voltage generated in a water discharging device by electrically connecting the grounding terminal of an electric control part, which opens a valve part, to a solenoid valve body.

CONSTITUTION: When a hand is stretched out for washing in front of a water discharging device (b), a reflection type photo detector (c) senses this automatically, and send a signal to an electric control part (f), which, in turn, opens a solenoid valve (d) based on this signal, to start feeding water. The electric control part (f) has a grounding terminal 22, which is electrically connected to a solenoid valve body 2. Thereby, any induced voltage generated in the water discharging device (b) due to an electromagnetic wave from thunder, radio, etc. can be grounded through the grounding terminal 22 of the electric control part (f).

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